Salmon Lake Eurasian Water Milfoil Herbicide Treatment 2009

Herbicide (2, 4-D) Sampling Stations, 2009

The five water sampling stations are indicated by the yellow placemarks on the image below and labeled with sampling station name. Red shading indicates treatment area (Kozy Cove).

Please see next page for results.



Salmon Lake Eurasian Water Milfoil Herbicide Treatment 2009

Herbicide (2, 4-D) Concentration Report: October 16, 2009

Kozy Cove Herbicide Treatment 2009: 2, 4-D concentration results

Treatment Date: September 10, 2009

	2, 4-D, parts per billion (ppb)					
Sampling site	9/8/2009	9/11/2009	9/14/2009	9/17/2009	9/25/2009	10/8/2009
	no	non-		non-		non-
Salmon Lake	sample	detect	14	detect	5.7	detect
Kozy Cove (treatment	non-					non-
area)	detect	360	675*	775**	470	detect
	no					no
Dam Apron	sample	280	1,400	780	630	sample
	no					non-
Hatchery Brook	sample	38	220	340	560	detect
	no	non-	non-	non-	non-	non-
Great Pond	sample	detect	detect	detect	detect	detect

^{*}Average of center (730 ppb) and side (620 ppb) composites

Notes:

- 1. Samples collected by Maine DEP and analyzed by Maine DHHS Health and Environmental Testing Lab
- 2. Non-detect means that the result was below the detection limit of the test; the detection limit is 4.0 ppb.
- 3. One pre-treatment sample was taken from Kozy Cove (treatment area).
- 4. Salmon Lake sample is a composite sample from 5 locations, each about 100 feet outside of Kozy Cove.
- 5. Kozy Cove sample is a composite from 9 locations in the treatment area. When side and center composites collected, side is a composite of 6 locations and center of 3 locations.
- 6. Dam Apron sample is just below the Salmon Lake dam.
- 7. Hatchery Brook (Salmon Lake outlet stream) sample is just before the stream enters Great Pond.
- 8. Great Pond sample is a composite sample from 5 locations, each about 100 feet from where Hatchery Brook enters Great Pond.

^{**}Average of center (830 ppb) and side (720 ppb) composites